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LIST OF	REFER	LENCES CITED BY APPLI	CANT	STUCK	Y David	et al.	:
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			•	U.S. PATENT DOCUMENTS	:	•	: :
EXAMINER INITIAL	•	DOCUMENT · NUMBER	DATE	NAME ·	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4.491,553	01/01/85	Yamada et al.			· :
(	AB	5,847,016	12/08/98		$\vdash$	,	
	AC	5,866,264		Zehner et al.	- \		
	AD	2,188,396	01/30/40				\
/	AE	2,489,373	11/29/49		-	<del>\</del>	\
-	AF	2,519,442		DeLorme et al.		\ <u> </u>	<del></del>
MAR	AG	2,935,763		Newman et al.			<del></del>
COCK !	AH	3,287,480		Wechsler et al.			<del></del>
	Al	3.562.373		Logrippo		Ť	
	AJ	3.645.939	22/29/72			,	\
	AK	3,864,201		Susuki et al.			\
<del></del>	AL	3.867.493	02/18/75		-		\
-	AM	3,878,143		Baumann et al.		- :	
	AN	3.879.505		Boutiller et al.			——————————————————————————————————————
		10,070,000					
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	AO	3 801 574	08/03/89		<del>-</del>		×
	AP	2 365 017		France		<u> </u>	×
<u> </u>	AQ	WO 90/08020 .	07/26/90			. X	
HA	AR	2 036 148	06/25/80	· ·	· · ·	X	
MAK	AS	0 586 211	02/19/97	Europe .		· X	
`	AT	0 586 212	03/09/94	Europe		X	
	ΑU	0 586 213	03/09/94		***	X	
	AV	43 07 323	04/15/94	Germany		<u> </u>	X
		OTHER REFE	RENCES (	Including Author, Title, Date, Pertinen	t Pagés, e	itc.)	
	AW	1994/95 Basics of Design	Engineerin	ng, Machine Design; pp. 621-622, June 1	994	•	
å v		Polymer Engineering and	Science, N	latuana et al., *Processing and Cell Morp	hology Re	elationship	s for Microcellular
NICK	AX	Foamed PCV/Wood Fibe	r Compositi	es," Volume 31, Number 7, July 1997, pa	ges 1137-	1147.	
min	AY			Park and John J. Balatinecz, "Production crphology Relationship, ANTEC 96, pgs.			med PVC/Wood Fibre
	AZ			J.J. Balatinecz, "Characterization of Micr tics, Volume 32 - September 1996, pgs.		oamed PV	/C/Cellulsic-Fibre
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, ,	BA	3,922,328	11/25/75	Johnson			·	
	BB	3,943,079	03/09/76	Harned.				
	ВС	3,954,555	05/04/76	Kole				
	BD	3,956,541	05/11/76	Pringle		1		
	BE	4,012,348	03/15/77	Chelland et al.		+		
	BF	4,016,232	04/05/77	Pringle	<u> </u>	$\perp \lambda \downarrow$		
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,,,,\)	вн	4,018,722	04/19/77	Baker		1[	7	
PRUC	BI	4,029,831	06/14/77	Daunhelmer	<u> </u>	1	1	
· · · · ·	ΒÚ.	4,045,503	08/30/77	Smith				
	BK	4,056,591	11/01/77	Goettler et al.	<u> </u>		•	\ · · ·
	BL	4,071,479	01/31/78	Broyde et al.		<u> </u>		$\rightarrow$
. 1	BM	4,071,494	01/31/78	Gaylord	<u> </u>	<u> </u>		
	BN	4,097,648	06/27/78	Pringle	<u></u>	لـــل		
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. /	BQ	2 186 655	08/19/87	Great Britain		×		
. (	BR	2 171 953	09/10/86	Great Britain		×		
TIVE	88	2 270 311	12/05/75	France				X
1050	ВТ	2 365 019	04/14/78	France				X
7	·BU	2 445 885	08/01/8	France				. X
	BV	2 564 374	11/22/8	France				×
		OTHER REF	ERENCES	(Including Author, Title, Date, Perline	nt Pages,	, etc.)		1
· (	ВW	"Paraloid® Additivies for Products," @1995 Rohm	PVC from and Haas	Rohm and Haas," Product Update, "Pan Company, Philadelphia, Pa.	atold K400	All-Acrylic	Modifier (	for Cellular Vinyl
•	вх	"Suppliers team to expan	nd foam co	ex into sheet, profiles," from Technology	News, Pi	astics World	l, Oct. 19	96.
WYS	BY	John R. Patterson and J Volume XLV, Number 1,	ames L. So pages 1-8	auder, "A More Efficient Processing Aid I	or Foame	d Vinyl," a re	eprint from	m Resin Review,
	BZ	*Rigid Vinyl Foam Applic	ations," Ro	hm and Haas.				
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CA	4,102,106	07/25/78	Golder et al.				
СВ	4,107,110	08/15/78	Lachowicz et al.				:
CC	4,145,389	03/20/79	Smith .	· / ·			٠. ٠.
CD	4,157,415	06/05/79	Lindenberg				
Œ	4,168,251	09/18/79	Schinzel et al.				•
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CG	4,181,764	01/01/80	Totten .				
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		03/04/80	Schumacher et al.	-		-/	
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	;		-			<i>:</i> .	• :
	*Celogen Foaming Agent	s, CELOGE	N® AZRV* Product Information from Un	iroyal Che	mical		
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	Laurent M. Matuana et al	I., "Processi	ng and Cell Morphology Relationships fo	r Microce	Ilular Foam	ed PVC	/Wood-Fiber
CŻ/	Composites,* Polymer Er	ngineering a	nd Science, Jul. 1997, vol. 37, No. 7, pp	. 1137-11	47.		
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[	DA	4,248,743 ·	02/03/81	Goettler	1, 1.		
	DВ	4,250,222	02/10/81	Mavel et al.	1		
1	DC	4,263,184	04/21/81	Leo et al.	1		
)	DD	4,263,196	04/21/81	Schumacher et al.			
	DE	4,272,577	06/09/81	Lyng			
	DF	4,273,688	06/16/81	Porzel et al.			
240	DG	4,303,019	12/01/81	Haataja et al.		1 4	·.
ILI Y	DH	4,305,901	12/15/81	Prince et al.	+		
WW	· DI	4,317,765	03/02/82	Gaylord			
	3	4,323,625		Coran et al.	<del>                                     </del>		
	DK	4,376,144	03/08/83	Goettler	<u> </u>		<del></del>
	DL	4,382,758	05/10/83	Nopper et al.	<del></del>		
	DM	4,414,267		Coran et al.	<del>                                     </del>		
	DN	4,420,351	12/13/83	Lussi et al.	1		
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	DW	Laurent M. Matuana et al Composites," Cellular an	l., "Effect of ( d Microcellu	Cell Morphology on the Properties of M ar Materials, MD-Vol. 76, ASME 1996,	icrocellular pp. 1-16.	Foamed PC	V/Wood-Fiber
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	ÆÀ	4,430,468	02/07/84	Schumacher				
	EB	2,635,976	-04/21/53	Meller et al.			_ · . · .	
	EC	2,680,102	06/01/54	Becher et al.	1.		• •	
	ED	2,789,903	04/23/57	Lukman et al.				
. )	EE	2,926,729	03/01/60	Zanini.			• .	
. /	EF	3,147,518	09/08/64	Horgan			··	
MO	EG	3,308,218	03/07/67	Wiegand et al.	٠.			
	EH	3,309,444	03/14/67	Schueler				
	EI	3,349,538	10/31/67	Crossman				
1	EJ	3,492,388	01/27/70	Ingiin-Knüsel	1			
	EK	3,493,527	02/03/70					
	EL.	3,671,615	06/20/72	Price			· ·	
	EM	3,844,084	10/29/74	Hubbard et al.				
	EN	3,899,559	08/12/75	Johnanson et al.				
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	FÀ	3,904,726	. 09/09/75	Jacquelin et al.				٠.	•	
7	·FB	3,931,384	01/06/76	Forquer et al.						
	FC	3,956,555	05/11/76	McKean ,						
	FD	3,969,459	07/13/76	Fremont et al.						I · .
	FE	4,005,162	01/25/77	Bucking	•					
	FF	4,033,913	07/05/77	Sundên				•		
	FG	4,058,580	11/15/77	Flanders				,		
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	FI	4,248,820	02/03/81	Haataja ,				7		
~	·FJ	4,277,428	07/07/81	Luck st eli	:::::::::::::::::::::::::::::::::::::::		7		<u> </u>	·
.	FK	4,281,039	07/28/81	Miura et al.				•	1	
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	GA	4,455,709	06/26/84	Zanini :	¥, 3.	× 1		
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	GE	4,328,136	05/04/82	Blount	CK.	•		•
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	GG	4,393,020	07/12/83	Lietal				: ·
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	GI	4,481,701	11/13/84	Hewitt	, , , , , , , , , , , , , , , , , , ,	1	7	
	GJ	4,503,115	03/05/85	Hemels et al.				, y ,
	GK	4,508,595	04/02/85	Gåsland	.4		:	:
	GL	4,551,294	11/05/85	Wottke et al.	3.	A	,	:
	GM	4,562,218	12/31/85	Fornadel et al.				
/	GN	4,594,372	06/10/86	Natov et al.	•			
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•	$\cdot X$	HA	4,597,928	07/01/86	Terentiev et al.			
	II	НВ	4,610,900	09/09/86	Nishibori			
	7.	НС	4,619,097	10/28/86	Trummer et al.			<del></del>
	Y	Ð	4,645,631	02/24/87	Hegensteller et al.			
	Z	HE	4,659,754	04/21/87	Edwards et al.			
$\mathcal{L}$	T	HF	4,663,225	05/05/87	Farley et al.			
	$\Box$	HG	4,686,251	08/11/87	Ostermann et al.			•
N N	П	нн	4,687,793	08/18/87	Motegi et al.			
1		НІ	4,716,062	12/29/87	Klein ·			
		ĸ	4,734,236	03/29/88	Davis			
	$\sqcap$	нк	4,737,532	04/12/88	Fujita et al.			
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	T	НМ	4,769,274	09/06/88	Tellvik et al.		<del>  </del>	
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	A	4,790,966	12/13/88	Sandberg et al.	, .	·		•
(	IB	4,818,604	04/04/89	Tock				
	Ю	4,820,763	04/11/89	Yang ·	1			
	(D	2,489,373	11/29/49	Petri				
	Œ	4,652,218	03/24/87	Tsutsui et al.				:
A	Œ	4,717,742	01/05/88	Beshay				:
NR	IG	4,783,493	11/08/88	Motegi				; :
N/W	IH	4,789,604	12/06/88	van der Hoeven				
	Ð	4,791,020	12/13/88	Kokta			7	
	ŋ	4,801,495	01/31/89	van der Hoevan		:		
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	IL.	4,851,458	07/25/89	Hopperdietzel	7		;	1
	IM	4,865,778	09/12/89	Davis				
	N	4,889,673	12/26/89	Takimoto				
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	Z/JA	5,292,774	01/01/90	Vailance	<del> </del>	<del>  </del>	·
	JB	4,894,192	01/16/90		<del>                                     </del>		
	35	4,915,764	04/10/90		1		
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	ΙĒ	4,927,579	05/22/90	Moore :	1		•
1	JF	4,928,688	05/29/90	Agren et al.	1.		
NIND	JG	4,935,182	06/19/90	Ehner et al.			
M	JH	4,960,548	10/02/90	ikeda et al.	1		
	· JI	4,968,463	11/06/90	Levasseur			
	7	4,973,440	11/27/90	Tamura et at.	1	1	
	JK	4,978,489	12/18/90	Redvan et al.		1	
	JL	4,978,575	12/18/90	Ziess	†	1.	
	JM	4,988,478	01/29/91	Held	<b>—</b>	<del>                                     </del>	1
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	RA	5,008,310	04/16/91	Beshay	,	1	<u> </u>	******	<u> </u>
(	КВ	5,009,588	04/23/91	Palimann		. /			
	КС	5,021,490	06/04/91	Vyvoda et al.					. :
. /	Ю	5,049,334	09/17/91	Bach .					
	KE	5,057,167	10/15/91	Gersbeck					٠.
7	KF	5,064,592	11/12/91	Ueda et al.			<del>                                     </del>		······································
	KG	5,075,057	12/24/91	Hoedl .			· · · · ·		· ·
Acie	КН	5,078,937	01/07/92	Eela				7	<u> </u>
	KI	5,082,605	01/21/92	Brooks et al.					<del>\</del>
	KJ	5,087,400	. 02/11/92	Theuveny ·				1. 1/2	
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-	KL	5,093,058	03/03/92	Harmon et al.					: \
	KM	5,096,046	03/17/92	Goforth et al.		•		- 1	
. \	KN	<i>5</i> ,096,406	03/17/92	Brooks et al.			1		<u> </u>
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
/	3	5,120,778	06/09/92	Raj et al.	1		:	
	LB	5,153,241	10/06/92	Beshay	17			
:	rc	5,164,267	11/17/92	D'Heur et al.	17		<del></del>	
	ß	5,194,461	03/16/93	Bergquist et al.:				
	LE	5,272,000	12/21/93	Chenoweth et al.				
	Ŀ	5,276,082	01/04/94	Forry et al.	<u> </u>			
	LG	5,288,772	02/22/94	Hon			•	
$I/\lambda$	LH	5,302,634	04/12/94	Mushovic		4		
$M \subseteq M$	. n	5,369,147	11/29/94	Mushovic			<u></u>	
	W	5,406,768	04/18/95	Giuseppe et al.		-:-	<del>\</del> :	
	LK	5,474,722	12/12/95	Woodhams			<del></del>	
	ш	5,480,602	01/02/96	Nagaich			<del></del>	
	LM	5,486,553		Deaner et al.	<del></del>		$\overline{}$	
1	LN	5,508,103	04/16/96		<del></del>		$\overline{}$	
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	1764	5,532,065	07/02/98	Gübitz et al.			
	МВ	5,576,374	11/19/96	Betso et al.			:
	MC	5,593,625	01/14/97	Riebel et al.			
	MD	5,635,125	06/03/97	Ternes et al.			
	ME	5,654,091	08/05/97	Kiriazis et al.			
	MF	4,273,688	06/16/81	Porzel et al.			
	MG	4,303,019	12/01/81	Haataja et al.	:		::
71	МН	4,305,901	12/15/81	Prince et al.			
	MI	4,317,765	03/02/82	Gaylord			
	.MJ	4,323,625	04/06/82	Coren et al.			
	MK	4,376,144	03/08/83	Goettler			
	ML	4,382,758	05/10/83	Nopper et al.	::		. \
. (	ММ	4,414,267	11/08/83	Coran et al.			
	MN	4,420,351	12/13/83	Lussi et al.			. \
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	NA	5,102,922	04/92	Kimura et ai.	·		·
	NB	3,983,295	09/28/76	Murer et al.			
\·	NC	5,461,839	10/31/95	Beck	V ·		•
	ND	5,391,585	02/21/95	Grohman			
	NE	5,486,553	01/23/96	Deaner et al.			
7	NF	5,088,910	02/18/92	Goforth et al.	:		•
17/N	NG	5,332,602	07/26/94	Barré et al.			:
	ИН	5,406,768	04/18/95	Gluseppe et al.	1		
~	· NI	4,505,869	03/19/85	Nishibori	1	<b>├</b> :}	$\overline{}$
	NJ	4,480,061	10/30/84	Coughlin et al.			\ ·
	NK	3,888,810	- 06/10/75	Shinomura			
	NL	5,565,058	10/15/96	Lause et al.	1		
	NM	5,506,031	04/09/96	Spain et al.			
	NN	5,441,816		Grohman	<b>-</b>	<del>                                     </del>	- · \
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	ÓA	5,271,699	12/21/93	Barré et al.	+-/	-		╢ ·
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	PA	3,764,642	10/09/73	Boutilier	1					
	PB	3,879,505	04/22/75	Boutillier et al.						
	PC	3,903,023	09/02/75	Boutillier et al.	1		<del></del>			
/	PD	3,937,777	02/10/76	Wienand et al.						
	PE	3,978,632	09/07/76	Ansted :						
	PF	4,028,449	06/07/77	Kaldtani et al.	<del>                                     </del>			_		
$\mathcal{M}$	PG	4,031,045	06/21/77	Goswami			<del>-</del> :			
	PH	4,234,641	11/18/80	Thompson et al.	1		•			
· ·	, bi	4,473,665	09/25/84	Martini-Vvedensky et al.	<del> </del>		<u> </u>			
	ΡJ	4,510,201		Takeuchi et al.	†		<del>\</del>			
	PK	4,948,655	08/14/90	Danese .	<del> </del>		<del></del>	<u> </u>		
	PL	4,956,234	09/11/90				<del></del>			
	PM	5,102,922	04/07/92	Kimura et al.	<del>†</del>		<del></del>	<del></del>		
	βŃ	5,245,141	09/14/93	Fortez et al.	1		<del></del>	$\dashv$		
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	OA.	5,300,533	04/05/94	Dahl et al.	<del> </del>		
	QB	5,334,622	08/02/94	Bergvist .	<del>\                                    </del>		
/	ac	5,363,811	11/15/94	Richardson et al.			<del></del> :
	QD	5,406,768	04/18/95	Gluseppe et al.			<u> </u>
$\Delta u \Delta$	QE	5,539,027	07/23/96	Deaner et al.	<del>                                     </del>		<u> </u>
PULL	QF	5,847,016	12/08/98	Cope	<del>                                     </del>		
<u> </u>	QG	6,054,207	04/25/00	Finley	<del>†                                    </del>	-4	<u>.</u>
	QH	4,929,409		Agren et al.	<del>   </del>		<del>\                                    </del>
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	AA	5,497,594	3/12/96	GIUSEPPE, et al.				
-	AB	4,185,416	1/29/80	WILMES .			•	
	AC	4,726,147	2/23/88	BESKE, et ad.		·		
	AD AS	4,237,664	12/9/80	WILMES				
	AE	4,693,043	9/15/87	KNAPP	<u> </u>			
-	AF 40	4,566,831	1/28/86	GROTH ·	<u> </u>		• • •	
1100\	AG	4,528,788	7/16/85	YACKIW, et al.		_X		
TONCH	AH	4,154,033	5/15/79	KRUEGER, et al.				
	. AI	5,199,234	4/6/93	GUHL				
	AJ.	4,976,066	12/11/90	PLUMMER, et al.				
	AK	4,958,469	9/25/90	PLUMMER		1	\	
	AL	5,150,983	9/29/92	BOGENHAGEN	1			
<u> </u>	AM	5,097,629	3/24/92	GUHL, et al.				
	AN	5,092,640	3/3/92	PLUMMER				
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	AB	5,010,708	4/30/91	EVANS, et al.			<u> </u>		
. 1	AC	4,999,950	3/19/91	BESKE, et al.					
	AD .	4,780,998	11/1/88	KNAPP		<u> </u>			
	AE	5,548,698	8/20/96		<del></del>		•		
/	AF	5,205,102	4/27/93	SMITH, et al.	· /				
200	AG	5,217,264		PLUMMER	$-\lambda$				
KKI-	AH	5,301,467	6/8/93	FIER		<u> </u>			
4	Al	5,243,783	4/12/94	SCHMIDT, et al.					
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	A)	5,435,866	7/25/95	PUPPIN .			\ . ·		
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	AL	5,355,644	10/18/94	GUHL, et al.					
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	AN	5,554,450	8/13/96	SCHMIDT, et al.					
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	AA	5,491,940	2/20/96	BRUCHU	<del>  _/_</del>			· · · · · · · · · · · · · · · · · · ·
	AB	5,486,553	1/23/96	DEANER, et al.	$\vdash$			
	Y AC	5,467,564	11/21/95	DeKYSER, et al.	ļ	\ <u></u>		
	AD	5,441,801	8/15/95	DEANER, et al.	<del> </del>			·
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	AF	5,205,074	4/27/93	GUHL, et al.	ļ	`	·	·
Lun A	AG	5,981,067	11/9/99	SEETHAMRAJU, et al.		ļ		
MKK 1	. AH	5,566,507	10/22/96	SCHMIDT, et al.	1			
٠,	. AJ	5,585,155	12/17/96	HEIKKILA, et al.				<u> </u>
	AJ	5,584,016	12/10/96	VARGHESE, et al.	<u> </u>			
	AK	5,582,445	12/10/96	OLSEN, et al.			•	
	AL.	5,570,292	10/29/96	ABRAHAM, et al.				
. \	AM	5,773,138	6/30/98	SEETHAMRAJU, et al.				. /
	AN	5,740,632	4/21/98	PETERSON, et al.			,	
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	1 1	5,695,874	12/9/97	DEANER, et al.	1			
	AB	5,687,533	11/18/97	BRUCHU	1.			. 1
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	AD	5,682,713	11/4/97	WEISS				
	AE	5,666,773	9/16/97	LIBRANDE, et al.				
	AF	5,657,579	8/19/97	BRUCHU, et al.				
	AG	5,623,784	4/29/97	KUERSTEN, et al.				
DYN	АН	5,622,017	4/22/97	LYNN, et al.	1			
	AJ.	5,603,585	2/18/97	BRUCHU, et al.	<del> </del>		. \	
	AJ	5,555,684	9/17/96	GALOWITZ, et al.	<del> </del>	<b></b> -		
	AK	5,965,874	10/12/99	ASO, et al.	1,1			-
	AL	5,948,524	9/7/99	SEETHAMRAJU, et al.	†		<del>\</del>	
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	MA	5,902,657	5/11/99	HANSON, et al.	4			寸
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	AC	5,837,095	11/17/98.	BRUCHU, et al.		:		$\neg$
	AD	5,822,931	10/20/98	GALOWITZ, et al.	1		•	_
	AE	5,787,657	8/4/98	LIBRANDE, et al.				
	AF	5,779,384	7/14/98	OLSEN				ヿ
7	AG	5,775,749	7/7/98	REITHMEYER, et al.				ヿ
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WRKT	AJ	6,280,667 B1	8/28/01	KOENIG, et al.				ᅻ
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	AB	6,265,037	7/24/01	GODAVARTI, et al.	1			
. \	AC	6,210,792 B1	4/3/01	SEETHAMRAJU, et al.				
	AD	6,122,877	9/26/00	HENDRICKSON, et al.				
	AE	6,112,463	9/5/00	REITHMEYER, et al.				
	AF	6,055,783	5/2/00	GUHL, et al.		7		
1 XX	AG	6,054,207	4/25/00	FINLEY				
Den	AH	6,015,612	1/18/00	DEANER, et al.				
	· Al	6,007,656	12/28/99	HEIKKILA, et al.				
	AJ	6,004,668	12/21/99	DEANER, et al.				
	AK	5,985,429	11/16/99	PLUMMER, et al.		·		
	AL	5,981,067	11/9/99	SEETHAMRAJU, et al.			. \ .	
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